

L5 ANSWER 27 OF 34 CAPLUS COPYRIGHT 2000 ACS
 ACCESSION NUMBER: 1991:209601 CAPLUS
 DOCUMENT NUMBER: 114:209601
 TITLE: Bleaching detergent compositions containing sulfonate salts
 INVENTOR(S): Aoyanagi, Muneo; Kuroda, Mutsumi; Araki, Hiroyuki; Taguchi, Akio
 PATENT ASSIGNEE(S): Kao Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02229895	A2	19900912	JP 1989-230773	19890906
PRIORITY APPLN. INFO.:			JP 1988-237369	19880921

OTHER SOURCE(S): MARPAT 114:209601

AB Title compns. comprise 3-30% **peroxides** generating H2O2 in aq. solns., 0.1-30% activators which react with H2O2 to generate cationic group-contg. org. peroxy acids, and 10-50% mixts. (9/1-1/3) of alkylbenzenesulfonate salts and .alpha.-sulfo fatty acid ester salts. Thus, a compn. contg. Na dodecylbenzenesulfonate 22, hydrogenated palm oil fatty acid Me ester Na sulfonate 3, Na silicate 5, Na2CO3 10, 4A zeolite 25, Na2S2O6 10, NCCH2N+Me2CH2CH2N+Me2CH2CN 2Cl- 5, PEG 2, protease 2, and H2O 5%, with the remainder being Na2SO4 was used to wash and bleach a tea-stained cotton cloth.

AB Title compns. comprise 3-30% **peroxides** generating H2O2 in aq. solns., 0.1-30% activators which react with H2O2 to generate cationic group-contg. org. peroxy acids, and 10-50% mixts. (9/1-1/3) of alkylbenzenesulfonate salts and .alpha.-sulfo fatty acid ester salts. Thus, a compn. contg. Na dodecylbenzenesulfonate 22, hydrogenated palm oil fatty acid Me ester Na sulfonate 3, Na silicate 5, Na2CO3 10, 4A zeolite 25, Na2S2O6 10, NCCH2N+Me2CH2CH2N+Me2CH2CN 2Cl- 5, PEG 2, protease 2, and H2O 5%, with the remainder being Na2SO4 was used to wash and bleach a tea-stained cotton cloth.

ST **peroxide** bleaching agent laundry detergent; cationic activator bleaching detergent; alkylbenzenesulfonate detergent bleaching; sulfonated fatty ester detergent bleaching; hydrogenated palm oil sulfonate detergent; dodecylbenzenesulfonate sodium bleaching detergent; **quaternary ammonium** activator bleaching detergent; cyanomethyl ethylenediammonium activator bleaching detergent; **persulfate** bleaching agent laundry detergent

IT **Quaternary ammonium** compounds, uses and miscellaneous
 RL: CAT (Catalyst use); USES (Uses)
 (activators, for **peroxide** bleaching agents, in laundry detergents)

IT Bleaching agents
 (**peroxides**, for laundry detergents)

IT Detergents
 (laundry, contg. **peroxide** bleaching agents and activators and sulfonate salts)

IT Fatty acids, esters

RL: USES (Uses)

(palm-oil, sulfonated, hydrogenated, Me ester, sodium salt, detergents
contg. **peroxide** bleaching agents and, for garments)

IT	3083-10-1	22330-16-1	75163-83-6	120075-00-5	120075-05-0
	121558-14-3	121558-15-4	121558-17-6	121558-18-7	124953-66-8
	130631-31-1	130631-32-2	130631-33-3	130631-34-4	130631-35-5
	130631-36-6	131532-17-7	131532-18-8	132787-31-6	132787-32-7
	132787-33-8	132787-34-9	132787-35-0	132787-36-1	132787-37-2
	132787-38-3				

RL: CAT (Catalyst use); USES (Uses)

(activators, for **peroxide** bleaching agents, in laundry
detergents)

IT 25155-30-0, Sodium dodecylbenzenesulfonate

RL: USES (Uses)

(detergents contg. **peroxide** bleaching agents and, for
garments)